Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 03 Sep 2023 until 23:59 on Monday 04 Sep 2023

Forecast Issued on Saturday 02 Sep 2023 at 17:28

Confidence: High confidence for dry and much warmer, sunny weather in the coming days. Moderate for morning mist, fog and low cloud extent and duration.

Headline for Sunday 03 Sep 2023: Another dry, warm and sunny day once any early mist, fog and low cloud clears.

Mountain weather hazards on Sunday 03 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
00%	00%	<05%	<05%	00%	00%	00%	00%

Forecast for Sunday 03 Sep 2023

Weather: Early mist and fog patches are possible in valleys at first, with low cloud on some western slopes. This should lift and clear by mid-morning, leaving a warm, dry day with prolonged, but hazy sunshine.

Chance of cloud-free hill tops above 600m: 70% at first, becoming 100% by mid-morning.

Low Cloud and visibility: Areas of mist or fog at first in a few valleys, with patches of low cloud on some western slopes, base 300-400m, but probably shallow in nature and not reaching 600m elevation. Otherwise, likely clear views of distant hills throughout.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 03 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	10/16 SW	10/18 SW	15/19 SW	18/23 SW	17/23 SW	12/17 SW	10/16 SW	9/13 SW
300	2/9 SW	4/11 SW	3/12 SW	8/14 SW	11/20 SW	11/20 W	4/13 SW	4/10 W	2/8 SW
Valley	1/7 W	1/7 W	1/8 W	5/11 SW	9/17 SW	9/17 SW	2/9 SW	1/6 W	1/4 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/12	13/11	12/10	14/11	15/12	16/12	14/12	13/11	12/11
300	10/10	11/11	11/10	16/15	19/17	19/17	16/15	11/10	9/8
Valley	12/12	11/11	13/13	16/16	19/18	20/18	17/18	13/13	10/10
Freezing Level*	2400m	2400m	2500m	2500m	2600m	2600m	2700m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mist, low cloud and fog may cause some early navigation issues in valleys and on some lower slopes, but this soon clearing. Thereafter, feeling warm or very warm, with moderate to high levels of UV, so sun protection and adequate hydration are advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 02 Sep 2023	0mm	1.4mm	1.6mm

Forecast for Monday 04 Sep 2023

Weather: A few early shallow mist and fog patches in valleys at first, but very quickly clearing to leave another sunny and very warm day with mainly light winds.

Maximum wind: Southwesterly 10mph.

Chance of cloud-free hill tops above 600m: 100%.

Low Cloud and visibility: Some shallow local mist or fog patches in valleys early morning, otherwise very good visibility.

Temperature: **Valleys:** Plus 10 Celsius increasing to 22 Celsius.
At 600m: Plus 15 Celsius.
Freezing level: Above summits.

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